

Historical Floods: North Branch Susquehanna River at Unadilla, New York

Latitude: 42.321

Flood Stage: 11 ft

Period of Record: 1935-Present

Last Flood: 9/8/2011

Longitude: -75.317

Number of Floods: 56

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
7/8/1935	16.00	29,000	Major	C1 C8
3/18/1936	16.60	31,300	Major	C1
9/22/1938	13.76	21,000	Moderate	none
2/21/1939	11.90	15,600	Minor	none
3/31/1940	13.54	20,300	Moderate	none
4/9/1940	12.25	16,500	Minor	none
3/18/1942	12.09	16,100	Minor	none
12/30/1942	13.94	21,500	Moderate	none
5/18/1943	11.86	15,500	Minor	none
3/18/1944	11.48	14,400	Minor	none
3/8/1946	11.18	13,700	Minor	none
5/28/1946	11.08	13,400	Minor	none
4/6/1947	11.15	13,600	Minor	none
3/17/1948	11.21	13,700	Minor	none
3/22/1948	13.18	19,200	Moderate	none
12/31/1948	11.49	14,500	Minor	none
3/29/1950	11.46	14,400	Minor	F2
10/17/1955	11.09	11,800	Minor	F2
3/9/1956	11.06	12,600	Minor	F2
4/6/1956	12.38	16,000	Minor	F2
4/17/1956	11.32	13,300	Minor	F2

4/8/1958	11.71	14,200	Minor	F2
1/22/1959	13.42	17,000	Moderate	C5 F2
11/29/1959	11.79	14,400	Minor	F2
4/1/1960	11.97	14,900	Minor	F2
4/4/1960	14.25	21,200	Moderate	F2
2/26/1961	11.66	14,100	Minor	F2
4/2/1962	12.83	17,200	Minor	F2
3/27/1963	12.62	16,600	Minor	F2
3/6/1964	13.17	18,200	Moderate	F2
3/14/1977	14.64	23,500	Major	F2
3/31/1977	11.18	13,600	Minor	F2
9/21/1977	11.82	15,200	Minor	F2
10/18/1977	14.13	21,900	Moderate	F2
3/6/1979	13.90	21,200	Moderate	F2
3/22/1980	11.34	13,900	Minor	F2
4/26/1983	11.23	13,600	Minor	F2
5/3/1983	11.15	13,400	Minor	F2
3/16/1986	13.18	19,000	Moderate	F2
4/5/1987	11.47	14,300	Minor	F2
3/31/1993	13.49	19,900	Moderate	F2
4/11/1993	11.47	14,300	Minor	F2

Drainage Area: 982 sq mi

Gage Datum: 997.25 ft MSL

North Branch Susquehanna Basin

County of Gage: Otsego

County of Forecast Point: Otsego

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1/19/1996	14.24	17,100	Moderate	C5 F1 F2 F3
11/10/1996	11.68	14,800	Minor	F2
1/10/1998	13.60	20,300	Moderate	F2
1/25/1999	11.40	14,100	Minor	F2
2/28/2000	12.73	17,700	Minor	F2
4/10/2001	11.57	14,800	Minor	F2
3/22/2003	11.47	14,300	Minor	F2
4/3/2005	13.68	20,500	Moderate	F2
6/29/2006	17.72	35,100	Major	F2
3/9/2008	11.61	14,700	Minor	F2
3/24/2010	11.29	13,900	Minor	F2
10/2/2010	11.07	13,300	Minor	F2
4/29/2011	11.34	14,000	Minor	F2
9/8/2011	16.34	29,700	Major	F2

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Date of Flood

Crest (ft)

Streamflow (cfs)

Category

Code

-9999 signifies missing data

MARFC Codes

Code Description

- C1 Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
- C2 Crest information looks reliable despite potential problems. This data was used in frequency calculations.
- C3 Crest height estimated by the USGS.
- C4 Crest height is from the National Weather Service.
- C5 Crest height affected by backwater.
- C6 Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
- C7 Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
- C8 Crest date (day) in the month is unknown.
- C9 Flow is an estimate.
- F1 Flow affected by regulation or diversion and in some cases to an unknown degree.
- F2 Flow effected by snow-melt, ice jam or debris jam break up.
- F3 Flow affected by dam failure.
- F4 Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
- F5 Gage height at a different site and/or datum.
- G1 Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
- G2 Gage datum changed during this year.

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